



4sustainability® is an innovative implementation framework and a registered mark assuring the sustainability performances of fashion & luxury supply chain.

The framework is built and continuously updated in line with the best methodologies, standards and practices.

## OSTINELLI SETA

Ostinelli Seta S.p.a.  
has joined the 4sustainability® Commitment  
and applies the 4s CHEM Protocol  
for eliminating toxic and harmful substances in production  
through the ZDHC MRSL.

### CHEM IMPLEMENTATION LEVEL



**COMPANY ID Nr.** 4S-100110

**ASSURANCE RATING:** 76%

**ISSUE DATE:** 02/05/2023

**VERS. PROTOCOL CHEM:** 4.2

**EXPIRATION DATE:** 02/05/2024

Issue by:  
Process Factory s.r.l.  
Via A. Da Noli, 4/6 - 50127 Firenze  
CF/P.IVA: 058052004





# ABSTRACT

## 4s Assurance Report Chemical Management Version 4.2



Ostinelli Seta S.p.a.

### 4s REQUIREMENTS

#### Management system

Evaluating the implementation of a chemical management system within the company. The verified requirements range from the presence and communication of an internal sustainability policy, to staff training, as well as to the definition of reduction targets and monitoring of over-time performance.

#### Chemical risk management

Assessing chemicals risk management within the factory. The verified requirements measure the chemical inventory information management, the related qualification level to ZDHC MRSL 2.0, and related pahse put plan and improvement plan.

#### Materials risk management

Assessing the management and control system of incoming materials and their compliance level with 4sustainability PRSL, as a tool for reducing the risk of incoming contamination in the production process.

#### Supply Chain assessment

Evaluating the company's supply chain management and assessment. The verified requirements measure the mapping activity, qualification, engagement, training and monitoring of subcontractors and material suppliers and all the procedures in place.

#### Process management

Assessing the production processes management and traceability. The verified requirements measure the correct functioning of the internal traceability system and its digitalization. Moreover it includes processe due-diligence tests in order to monitor contamination on the products.

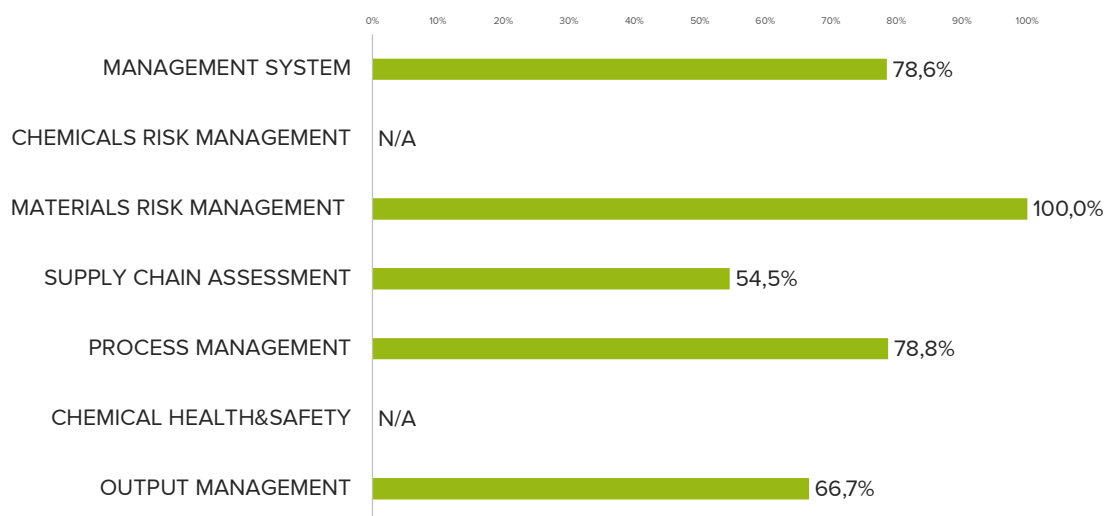
#### Chemical Health&Safety

Assessing health and safety requirement linked to chemical management. The verified requirements range from labeling, handling and storage of chemical products within the factory, to emergency procedure and waste management.

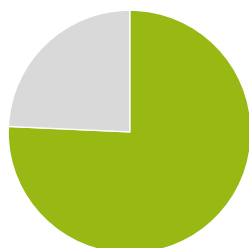
#### Output Management

Evaluating the company management of process output. The verified requirements range from legal permission for emission to the control of waste water according to ZDHC Guidelines. for internal and external processes and final product testing.

### 4S REQUIREMENT - IMPLEMENTATION LEVEL



### ASSURANCE RATING



76%

### ASSURANCE DATE

22/03/2023

## PRODUCTION MODEL

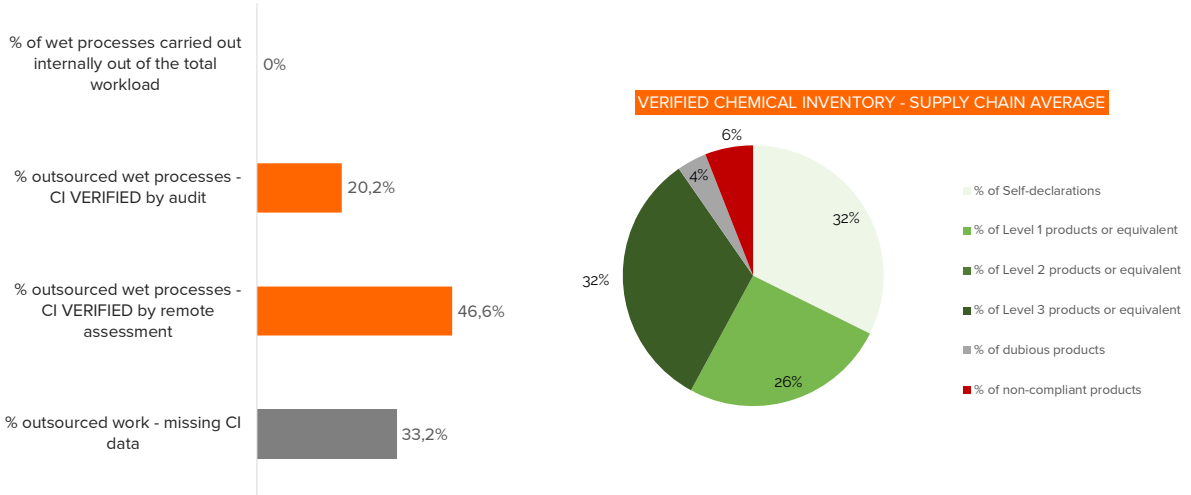
The company manufacture and sells fabrics.  
The company carries out internal processes of weaving  
and outsources processes of finishing, printing.

Name of Internal Chemical Manager:  
ZDHC accredited training course and date:

Giovanna Baglio  
ZDHC CMS TIG TRAINING del 27-28/04/2022;

### INPUT

#### CHEMICALS

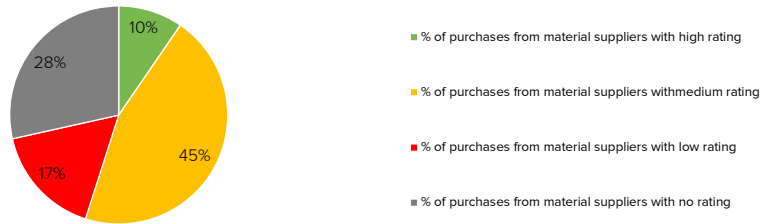


Production coverage was calculated on the basis of meters worked from all external processors.

TOT n. of verified chemical inventory: **10**

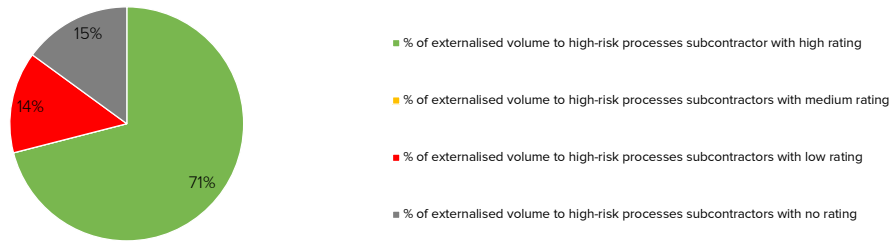
#### RAW MATERIALS

##### RAW MATERIALS SUPPLIERS RATING



## PROCESS

##### CHEMICAL HIGH-RISK EXTERNAL PROCESSES SUBCONTRACTORS RATING



# OUTPUT

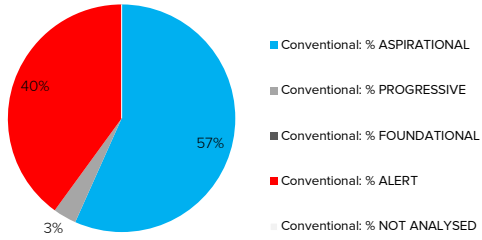
## EXTERNAL WASTEWATER

### SUBCONTRACTOR 1

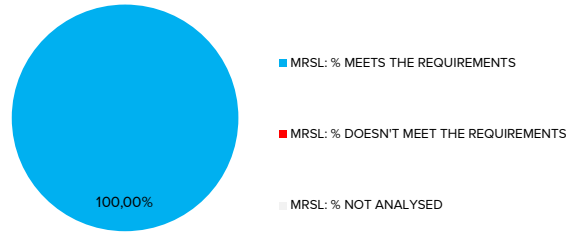
% OF EXTERNALISED PROCESSES: 11%

Internal Wastewater Treatment Plant - POST TREATMENT MONITORING

#### Conventional Parameters



#### MRSL Parameters

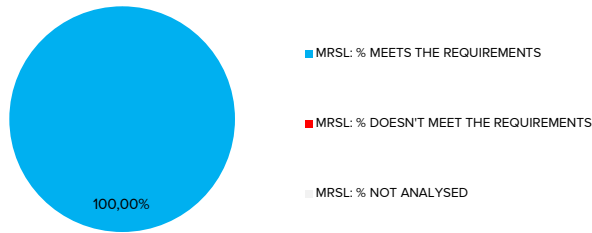


### SUBCONTRACTOR 2

% OF EXTERNALISED PROCESSES: 10%

CETP (Central Effluent Treatment Plant) - PRE TREATMENT MONITORING (Raw waste water)

#### MRSL Parameters

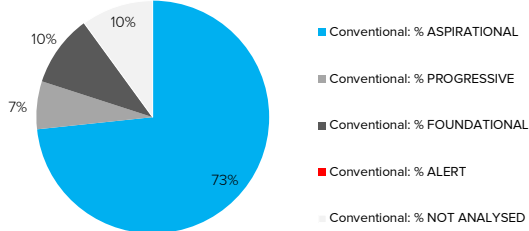


### SUBCONTRACTOR 3

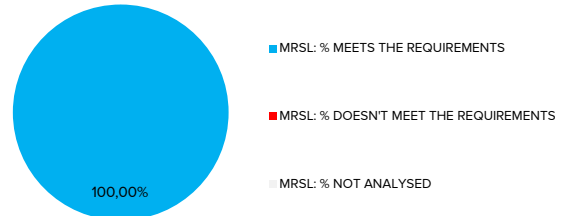
% OF EXTERNALISED PROCESSES: 8%

Internal Wastewater Treatment Plant - POST TREATMENT MONITORING

#### Conventional Parameters



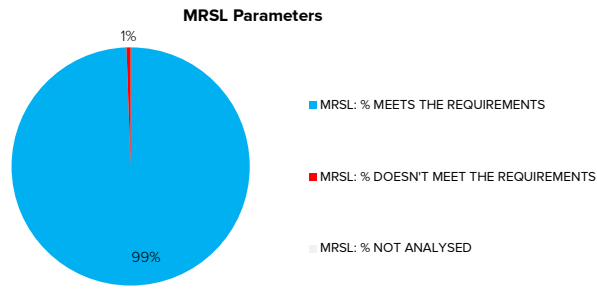
#### MRSL Parameters



**SUBCONTRACTOR 4**

% OF EXTERNALISED PROCESSES: **4%**

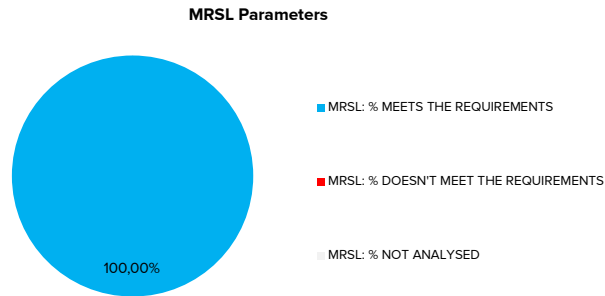
CETP (Central Effluent Treatment Plant) - PRE TREATMENT MONITORING (Raw waste water)



**SUBCONTRACTOR 5**

% OF EXTERNALISED PROCESSES: **3%**

CETP (Central Effluent Treatment Plant) - PRE TREATMENT MONITORING (Raw waste water)



**SUBCONTRACTOR 6**

% OF EXTERNALISED PROCESSES: **1%**

Internal Wastewater Treatment Plant - POST TREATMENT MONITORING

